

Copy No. 2

Mission No. G 3062 Evaluation Date 18 April 1962 PER No. FE 18-62
Camera No. No Info Exposure Interval 32 sec Scan Time No Info
Filter No Info Mission Duration 7 hrs 25 mins Total Footage No Info

1. Film metering	0.2" - 0.35", average 0.35"
2. Format alignment	Good throughout mission
3. Clock operation	Operational throughout mission
4. Data chamber (image quality)	Subdivisions barely legible; mission no. blurred; slight vibration
5. Banding	Very slight
6. Apparent fog	Frames 527, 552, 553; slight around data chamber
7. Abrasions and scratches	None
8. Tearing (film)	None
9. Density	Medium
10. Contrast	Medium
11. Apparent resolution	90% good, 10% poor due to image motion
12. Apparent granularity	Medium
13. Flare and light streaks	Light leak upper right portion of format and trailing edge of format
14. Level bubble operation	----
15. Suitability for PI (film quality)	90% good, 10% poor; 15% cloud coverage

Remarks:

1. Overlap 63-75 percent, average 65 percent.
2. Image motion along x axis scattered throughout format probably result of erratic scan.
3. No data chamber frames 530 to end of mission.
4. No film advance after frame 554.
5. Titled frames retained 280-554.

SPECIAL HANDLING

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TERMS USED IN REPORT

There are numerous equally useable terms used to express the quality of film. It is therefore advisable to identify the more important terms as used in this report.

Perhaps the single most important evaluation factor in determining PI suitability is apparent resolution, which in this report is classed as excellent, good, fair, poor and very poor.

Excellent would be a film in which fine detail, such as trails, small buildings, etc. show sharp edges and corners. Contrast is good throughout. Good would be a film in which fine detail is identifiable but not sharp. Fair would be a film in which fine detail would be indefinite, while medium detail, such as roads, dwellings, etc. can be easily identified but are not necessarily sharp. Poor would be a film in which medium detail is difficult to define but can be defined in all cases, and large detail, such as through highways, large buildings, structures, etc. can be easily identified. Very poor is a film in which detail is such that the identification of culture would be inaccurate and incomplete.

Contrast shall be recorded as high, medium and low.

High contrast records only high lights and shadows with little or no intermediate gradation. Medium contrast is represented by a full range of densities (high lights, half tones and shadows). Low contrast shows very little difference in densities.

Density shall be recorded as heavy, medium and thin.

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NOTE - ROUTE FROM CC TO BB
FLOWN AT 140 KNOTS + 1400
FAT REMAINED CONSTANT - 44

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